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=> d his ful

     (FILE 'HOME' ENTERED AT 10:47:58 ON 21 DEC 2005)

     FILE 'HCAPLUS' ENTERED AT 10:48:09 ON 21 DEC 2005
                E US20040211294/PN
L1              1 SEA ABB=ON  PLU=ON  US20040211294/PN
                D ALL
                SEL RN


     FILE 'REGISTRY' ENTERED AT 10:49:35 ON 21 DEC 2005
L2             10 SEA ABB=ON  PLU=ON  (124-38-9/BI OR 13283-01-7/BI OR
                1333-74-0/BI OR 14040-11-0/BI OR 62571-53-3/BI OR
                630-08-0/BI OR 7440-33-7/BI OR 7440-37-1/BI OR
                7440-59-7/BI OR 7727-37-9/BI)
                D SCAN
                D L2 1-10 RN STR

     FILE 'HCAPLUS' ENTERED AT 11:37:44 ON 21 DEC 2005
                D SCAN L1


     FILE 'REGISTRY' ENTERED AT 11:37:44 ON 21 DEC 2005
L3              1 SEA ABB=ON  PLU=ON  7440-33-7/RN
                D SCAN
L4              1 SEA ABB=ON  PLU=ON  13283-01-7/RN
                D SCAN
L5              1 SEA ABB=ON  PLU=ON  14040-11-0/RN
                D SCAN
L6              1 SEA ABB=ON  PLU=ON  62571-53-3/RN
                D SCAN


     FILE 'HCAPLUS' ENTERED AT 11:40:40 ON 21 DEC 2005
                D SCAN L1


     FILE 'REGISTRY' ENTERED AT 11:40:40 ON 21 DEC 2005
L7              1 SEA ABB=ON  PLU=ON  7440-59-7/RN
                D SCAN
L8              1 SEA ABB=ON  PLU=ON  7440-37-1/RN
                D SCAN
L9              1 SEA ABB=ON  PLU=ON  7727-37-9/RN
                D SCAN


     FILE 'HCAPLUS' ENTERED AT 11:46:35 ON 21 DEC 2005
                E NANOPHASE/CT
                E NANO PHASE/CT
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L10        2348 SEA ABB=ON    PLU=ON   NANOPHAS? OR NANO(A)PHAS?
L11        4296 SEA ABB=ON    PLU=ON   L3/P
                E POWDER/CT
                E POWDERS/CT
L12       32243 SEA ABB=ON    PLU=ON   POWDER?/CT
L13             QUE ABB=ON    PLU=ON   PARTICL? OR MICROPARTICL? OR
                PARTICULAT? OR DUST? OR GRIT? OR GRAIN# OR GRANUL? OR
                POWDER? OR SOOT? OR SMUT? OR FINES# OR PRILL? OR
                FLAKE# OR PELLET? OR BB#
L14          79 SEA ABB=ON    PLU=ON   L12(2A)L10
L15           0 SEA ABB=ON    PLU=ON   L14 AND L11
L16           3 SEA ABB=ON    PLU=ON   L10(3A)L11
                D SCAN
                D QUE L13
L17         506 SEA ABB=ON    PLU=ON   L4/RCT
L18        1898 SEA ABB=ON    PLU=ON   L5/RCT
L19          14 SEA ABB=ON    PLU=ON   L6/RCT
L20          81 SEA ABB=ON    PLU=ON   ((L17 OR L18 OR L19)) AND L11
                E NANOPARTICLES/CT
                E E3+ALL
L21       30533 SEA ABB=ON    PLU=ON   NANOPARTICLE?/CT
L22           2 SEA ABB=ON    PLU=ON   L20 AND (L10 OR L21)
                D SCAN
L23           0 SEA ABB=ON    PLU=ON   L1 AND L22
L24           1 SEA ABB=ON    PLU=ON   L1 AND L11
L25           0 SEA ABB=ON    PLU=ON   L20 AND L1
L26           0 SEA ABB=ON    PLU=ON   L1 AND L17
L27          41 SEA ABB=ON    PLU=ON   L11 AND (L10 OR L21)
L28           1 SEA ABB=ON    PLU=ON   L1 AND L27
                D SCAN
                E NANOPARTICLES/CT
                E E3+ALL
                D QUE L13
L29      128094 SEA ABB=ON    PLU=ON   NANOPARTICL? OR NANOCRYST? OR
                NANOSTRUCT? OR NANOSCAL? OR NANOPOWDER? OR NANOGRAIN?
                OR NANO(A)(CRYST? OR STRUCT? OR SCAL?)
L30        3922 SEA ABB=ON    PLU=ON   NANO(A)L13
L31         101 SEA ABB=ON    PLU=ON   L11 AND (L29 OR L30)
L32         104 SEA ABB=ON    PLU=ON   L31 OR L27
L33           1 SEA ABB=ON    PLU=ON   L32 AND L1
L34        2540 SEA ABB=ON    PLU=ON   L4
                D KWIC
L35        4656 SEA ABB=ON    PLU=ON   L34 OR (TUNGSTEN OR W)(A)(CHLORIDE
                OR CL) OR WCL OR WCL6
L36        3162 SEA ABB=ON    PLU=ON   L5
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L37      5478 SEA ABB=ON   PLU=ON   L36 OR ((TUNGSTEN OR W)(A)(CARBONYL
              OR HEXACARBONYL OR HEXA(A)CARBONYL OR C(W)6(W)O(W)6))
              OR W(W)C(W)6(W)O(W)6


         FILE 'REGISTRY' ENTERED AT 12:35:16 ON 21 DEC 2005
              D L6 CN


         FILE 'HCAPLUS' ENTERED AT 12:36:08 ON 21 DEC 2005
L38        45 SEA ABB=ON   PLU=ON   L6
L39        45 SEA ABB=ON   PLU=ON   L38 OR ((TUNGSTEN OR W)(A)(HEXAETHO
              XIDE OR HEXA(A)ETHOX?)) OR HEXAETHOXYTUNGSTEN
L40       223 SEA ABB=ON   PLU=ON   L11 AND (L35 OR L37 OR L39)
L41         1 SEA ABB=ON   PLU=ON   L1 AND L40
L42    107515 SEA ABB=ON   PLU=ON   L7
              D KWIC
L43     96994 SEA ABB=ON   PLU=ON   L8
L44    287111 SEA ABB=ON   PLU=ON   L9


         FILE 'REGISTRY' ENTERED AT 12:44:17 ON 21 DEC 2005

         FILE 'HCAPLUS' ENTERED AT 12:44:32 ON 21 DEC 2005
              D SCAN L1


         FILE 'REGISTRY' ENTERED AT 12:44:32 ON 21 DEC 2005
L45         1 SEA ABB=ON   PLU=ON   1333-74-0/RN
              D SCAN


         FILE 'HCAPLUS' ENTERED AT 12:45:04 ON 21 DEC 2005
L46    305938 SEA ABB=ON   PLU=ON   L45
L47    107814 SEA ABB=ON   PLU=ON   (L42 OR HELIUM OR HE OR L43 OR
              ARGON OR AR OR L44 OR NITROGEN OR N2 OR L45 OR
              HYDROGEN OR H2 OR H)(A)(GAS OR GASES OR ATMOSPHERE OR
              ATM OR VAPOR)
L48     69521 SEA ABB=ON   PLU=ON   INERT(A)(GAS OR GASES OR ATMOSPHER?
              OR ATM OR VAPOR)
L49        10 SEA ABB=ON   PLU=ON   L40 AND (L47 OR L48)
              D SCAN
              D SCAN TI
L50         1 SEA ABB=ON   PLU=ON   L49 AND L1
              D QUE L32
L51           QUE ABB=ON   PLU=ON   SUBLIMAT? OR EVAPOR? OR EVAPOUR?
              OR VAPORI? OR VAPOURI?
L52         9 SEA ABB=ON   PLU=ON   L32 AND L51
              D SCAN
              D SCAN TI
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L53          1 SEA ABB=ON   PLU=ON   L49 AND L51
               D SCAN
L54          5 SEA ABB=ON   PLU=ON   L32 AND L48
               D SCAN TI
L55     412222 SEA ABB=ON   PLU=ON   LOW(2A)PRESSUR? OR VACUUM?
L56          9 SEA ABB=ON   PLU=ON   L55 AND L32
               D SCAN TI
L57          5 SEA ABB=ON   PLU=ON   L32 AND CARBURI?
               D SCAN TI
L58          6 SEA ABB=ON   PLU=ON   L32 AND CONDENS?
               D SCAN
               D SCAN TI
L59          0 SEA ABB=ON   PLU=ON   L14 AND L1
               D QUE L35
L60         39 SEA ABB=ON   PLU=ON   L16 OR L22 OR L49 OR L52 OR L54 OR
               L56 OR L57 OR L58
L61         63 SEA ABB=ON   PLU=ON   L60 OR L27
L62         24 SEA ABB=ON   PLU=ON   L61 NOT L60
L63            QUE ABB=ON   PLU=ON   HEAT? OR COOL? OR (HIGH## OR
               HEIGHTEN? OR RAIS? OR ELEVAT? OR LOW OR LOWER OR
               LOWEST OR COOL)(2A)(TEMP# OR TEMPERATUR?) OR REFRIDG?
               OR FREEZ? OR FROZ?
L64         16 SEA ABB=ON   PLU=ON   L63 AND L60
L65          3 SEA ABB=ON   PLU=ON   L60 AND (DEG OR DEGREE?)(A)(C OR F
               OR K OR CELSIUS OR CENTIGRAD? OR FAHRENHEIT? OR
               KELVIN?)
L66         39 SEA ABB=ON   PLU=ON   L60 OR L64 OR L65
L67            QUE ABB=ON   PLU=ON   PRODUC? OR PROD# OR GENERAT? OR
               MANUF? OR MFR# OR CREAT? OR FORM## OR FORMING# OR
               FORMAT? OR MAKE# OR MADE# OR MAKING# OR FABRICAT? OR
               SYNTHESI? OR PREPAR? OR PREP#
L68      90280 SEA ABB=ON   PLU=ON   L3
L69       4001 SEA ABB=ON   PLU=ON   (L68 OR TUNGSTEN OR W) AND (L10 OR
               L14 OR L21 OR L29 OR L30)
L70       3233 SEA ABB=ON   PLU=ON   L69 AND L67
               D QUE L69
L71         92 SEA ABB=ON   PLU=ON   L70 AND (L35 OR L37 OR L39)
L72          8 SEA ABB=ON   PLU=ON   L71 AND (L47 OR L48)
               D SCAN
               D SCAN TI
L73        151 SEA ABB=ON   PLU=ON   L70 AND (L47 OR L48)
L74         24 SEA ABB=ON   PLU=ON   L73 AND L51
               D SCAN TI
L75          2 SEA ABB=ON   PLU=ON   L74 AND L55
L76         18 SEA ABB=ON   PLU=ON   L74 AND L63
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                      D SCAN TI
L77        39559 SEA ABB=ON    PLU=ON   (L68 OR TUNGSTEN OR W)(2A)L67
L78          730 SEA ABB=ON    PLU=ON   L77(2A)(L10 OR L14 OR L21 OR L29
                      OR L30)
L79           58 SEA ABB=ON    PLU=ON   L78 AND (L35 OR L37 OR L39)
L80            7 SEA ABB=ON    PLU=ON   L79 AND (L47 OR L48)
L81           60 SEA ABB=ON    PLU=ON   L78 AND (L47 OR L48)
L82           11 SEA ABB=ON    PLU=ON   L81 AND L51
L83            2 SEA ABB=ON    PLU=ON   L82 AND L55
L84            8 SEA ABB=ON    PLU=ON   L82 AND L63
L85           24 SEA ABB=ON    PLU=ON   L81 AND L63
L86           32 SEA ABB=ON    PLU=ON   L72 OR L80 OR (L82 OR L83 OR L84
                      OR L85)
L87           67 SEA ABB=ON    PLU=ON   L86 OR L66
                      D SCAN TI
L88           28 SEA ABB=ON    PLU=ON   L87 NOT L66
                      D SCAN TI
                      D L88 1-28 TI
                      D L88 3 ALL


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L3             1 SEA FILE=REGISTRY ABB=ON    PLU=ON   7440-33-7/RN
L4             1 SEA FILE=REGISTRY ABB=ON    PLU=ON   13283-01-7/RN
L5             1 SEA FILE=REGISTRY ABB=ON    PLU=ON   14040-11-0/RN
L6             1 SEA FILE=REGISTRY ABB=ON    PLU=ON   62571-53-3/RN
L7             1 SEA FILE=REGISTRY ABB=ON    PLU=ON   7440-59-7/RN
L8             1 SEA FILE=REGISTRY ABB=ON    PLU=ON   7440-37-1/RN
L9             1 SEA FILE=REGISTRY ABB=ON    PLU=ON   7727-37-9/RN
L10         2348 SEA FILE=HCAPLUS ABB=ON  PLU=ON   NANOPHAS? OR NANO(A)PH
                      AS?
L11         4296 SEA FILE=HCAPLUS ABB=ON  PLU=ON   L3/P
L13              QUE  ABB=ON  PLU=ON   PARTICL? OR MICROPARTICL? OR PARTI
                      CULAT? OR DUST? OR GRIT? OR GRAIN# OR GRANUL? OR POWDER
                      ? OR SOOT? OR SMUT? OR FINES# OR PRILL? OR FLAKE# OR PE
                      LLET? OR BB#
L16            3 SEA FILE=HCAPLUS ABB=ON  PLU=ON   L10(3A)L11
L17          506 SEA FILE=HCAPLUS ABB=ON  PLU=ON   L4/RCT
L18         1898 SEA FILE=HCAPLUS ABB=ON  PLU=ON   L5/RCT
L19           14 SEA FILE=HCAPLUS ABB=ON  PLU=ON   L6/RCT
L20           81 SEA FILE=HCAPLUS ABB=ON  PLU=ON   ((L17 OR L18 OR L19))
                      AND L11
L21        30533 SEA FILE=HCAPLUS ABB=ON  PLU=ON   NANOPARTICLE?/CT
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L22         2 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L20 AND (L10 OR L21)
L27        41 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L11 AND (L10 OR L21)
L29    128094 SEA FILE=HCAPLUS ABB=ON   PLU=ON   NANOPARTICL? OR
              NANOCRYST? OR NANOSTRUCT? OR NANOSCAL? OR NANOPOWDER?
              OR NANOGRAIN? OR NANO(A)(CRYST? OR STRUCT? OR SCAL?)
L30      3922 SEA FILE=HCAPLUS ABB=ON   PLU=ON   NANO(A)L13
L31       101 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L11 AND (L29 OR L30)
L32       104 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L31 OR L27
L34      2540 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L4
L35      4656 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L34 OR (TUNGSTEN OR
              W)(A)(CHLORIDE OR CL) OR WCL OR WCL6
L36      3162 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L5
L37      5478 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L36 OR ((TUNGSTEN OR
              W)(A)(CARBONYL OR HEXACARBONYL OR HEXA(A)CARBONYL OR
              C(W)6(W)O(W)6)) OR W(W)C(W)6(W)O(W)6
L38        45 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L6
L39        45 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L38 OR ((TUNGSTEN OR
              W)(A)(HEXAETHOXIDE OR HEXA(A)ETHOX?)) OR HEXAETHOXYTUNG
              STEN
L40       223 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L11 AND (L35 OR L37
              OR L39)
L42    107515 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L7
L43     96994 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L8
L44    287111 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L9
L45         1 SEA FILE=REGISTRY ABB=ON   PLU=ON   1333-74-0/RN
L47    107814 SEA FILE=HCAPLUS ABB=ON   PLU=ON   (L42 OR HELIUM OR HE
              OR L43 OR ARGON OR AR OR L44 OR NITROGEN OR N2 OR L45
              OR HYDROGEN OR H2 OR H)(A)(GAS OR GASES OR ATMOSPHERE
              OR ATM OR VAPOR)
L48     69521 SEA FILE=HCAPLUS ABB=ON   PLU=ON   INERT(A)(GAS OR GASES
              OR ATMOSPHER? OR ATM OR VAPOR)
L49        10 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L40 AND (L47 OR L48)
L51           QUE  ABB=ON   PLU=ON   SUBLIMAT? OR EVAPOR? OR EVAPOUR? O
              R VAPORI? OR VAPOURI?
L52         9 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L32 AND L51
L54         5 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L32 AND L48
L55    412222 SEA FILE=HCAPLUS ABB=ON   PLU=ON   LOW(2A)PRESSUR? OR
              VACUUM?
L56         9 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L55 AND L32
L57         5 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L32 AND CARBURI?
L58         6 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L32 AND CONDENS?
L60        39 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L16 OR L22 OR L49 OR
              L52 OR L54 OR L56 OR L57 OR L58
L63           QUE  ABB=ON   PLU=ON   HEAT? OR COOL? OR (HIGH## OR HEIGH
              TEN? OR RAIS? OR ELEVAT? OR LOW OR LOWER OR LOWEST OR C

              OOL)(2A)(TEMP# OR TEMPERATUR?) OR REFRIDG? OR FREEZ? OR
              FROZ?
L64        16 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L63 AND L60
L65         3 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L60 AND (DEG OR
              DEGREE?)(A)(C OR F OR K OR CELSIUS OR CENTIGRAD? OR
              FAHRENHEIT? OR KELVIN?)
L66        39 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L60 OR L64 OR L65
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